

1 3. (currently amended) The method as claimed in claim 1 wherein the rendezvous type
2 device is coupled within a network of rendezvous type ~~network of~~ devices.

1 4. (original) The method as claimed in claim 1 wherein converting the communication
2 is performed by a conversion circuit.

1 5. (currently amended) The method as claimed in claim 4 wherein the conversion circuit is
2 programmed by ~~a selective one of the UPnP~~ universal plug and play type device ~~and or~~ the
3 rendezvous type device.

1 6. (currently amended) A method of bridging communications between a rendezvous type
2 device and a ~~UPnP~~ universal plug and play type device comprising:

- 3 a. receiving a communication from the rendezvous type device for the ~~UPnP~~
4 universal plug and play type device;
5 b. converting the communication into the ~~UPnP~~ universal plug and play type
6 protocol thereby forming a converted communication; and
7 c. transmitting the converted communication to the ~~UPnP~~ universal plug and play
8 type device.

1 7. (currently amended) The method as claimed in claim 6 wherein the ~~UPnP~~ universal plug
2 and play type device is coupled within a ~~UPnP~~ network of universal plug and play type ~~network~~
3 ~~of~~ devices.

1 8. (currently amended) The method as claimed in claim 6 wherein the rendezvous type
2 device is coupled within a network of rendezvous type ~~network of~~ devices.

1 9. (original) The method as claimed in claim 6 wherein converting the communication
2 is performed by a conversion circuit.

1 10. (currently amended) The method as claimed in claim 9 wherein the conversion circuit is
2 programmed by ~~a selective one of the UPnP~~ universal plug and play type device ~~and or~~ the
3 rendezvous type device.

1 11. (currently amended) A converter configured to couple between a UPnP universal plug
2 and play type device and a rendezvous type device to convert communications between the UPnP
3 universal plug and play type device and the rendezvous type device into proper formats,
4 comprising:

- 5 a. a UPnP universal plug and play type interface circuit configured to couple to a
6 UPnP universal plug and play type device operating under a UPnP universal plug
7 and play type protocol;
8 b. a rendezvous type interface circuit configured to couple to a rendezvous type
9 device operating under a rendezvous type protocol; and
10 c. a conversion circuit coupled between the UPnP universal plug and play type
11 interface circuit and the rendezvous type interface circuit, ~~to convert wherein the~~
12 conversion circuit converts communications directed from the UPnP universal
13 plug and play type device to the rendezvous type device into the rendezvous type
14 protocol, ~~and converting and further wherein the conversion circuit converts~~
15 communications directed from the rendezvous type device to the UPnP universal
16 plug and play type device into the UPnP universal plug and play type protocol.

1 12. (currently amended) The converter as claimed in claim 11 wherein the UPnP universal
2 plug and play type device is coupled within a UPnP network of universal plug and play type
3 ~~network of~~ devices.

1 13. (currently amended) The converter as claimed in claim 11 wherein the rendezvous type
2 device is coupled within a network of rendezvous type ~~network of~~ devices.

1 14. (original) The converter as claimed in claim 11 wherein a conversion program used
2 by the conversion circuit is stored within the conversion circuit.

1 15. (currently amended) The converter as claimed in claim 11 wherein the conversion
2 circuit is programmed by ~~a selective one of the~~ UPnP universal plug and play type device ~~and or~~
3 the rendezvous type device.

1 16. (original) The converter as claimed in claim 11 wherein the converter is a stand-
2 alone device.

1 17. (currently amended) The converter as claimed in claim 11 wherein the converter is
2 implemented within a ~~selective one of~~ the UPnP universal plug and play type device ~~and or~~ the
3 rendezvous type device.

1 18. (currently amended) The converter as claimed in claim 11 wherein the UPnP universal
2 plug and play type interface circuit comprises a UPnP universal plug and play type proxy which
3 maintains a table of entries, each entry corresponding to a rendezvous type device.

1 19. (currently amended) The converter as claimed in claim 11 wherein the rendezvous type
2 interface circuit comprises a rendezvous type proxy which maintains a table of entries, each entry
3 corresponding to a UPnP universal plug and play type device.

1 20. (currently amended) A converter configured for coupling between a UPnP universal
2 plug and play type device and a rendezvous type device to convert communications between the
3 UPnP universal plug and play type device and the rendezvous type device into proper formats,
4 comprising:

- 5 a. a first means for interfacing configured for coupling to a UPnP universal plug and
6 play type device operating under a UPnP universal plug and play type protocol;
- 7 b. a second means for interfacing configured for coupling to a rendezvous type
8 device operating under a rendezvous type protocol; and
- 9 c. means for converting coupled between the first means for interfacing and the
10 second means for interfacing, ~~for converting wherein the means for converting~~
11 converts communications directed from the UPnP universal plug and play type
12 device to the rendezvous type device into the rendezvous type protocol, ~~and~~
13 converting and further wherein the means for converting converts
14 communications directed from the rendezvous type device to the UPnP universal
15 plug and play type device into the UPnP universal plug and play type protocol.

1 21. (currently amended) The converter as claimed in claim 20 wherein the UPnP universal
2 plug and play type device is coupled within a UPnP network of universal plug and play type
3 ~~network of~~ devices.

1 22. (currently amended) The converter as claimed in claim 20 wherein the rendezvous type
2 device is coupled within a network of rendezvous type ~~network of~~ devices.

23. (original) The converter as claimed in claim 20 wherein a conversion program used by the means for converting is stored within the means for converting.

24. (currently amended) The converter as claimed in claim 20 wherein the means for converting is programmed by ~~a selective one of the UPnP~~ universal plug and play type device ~~and or~~ the rendezvous type device.

25. (original) The converter as claimed in claim 20 wherein the converter is a stand-alone device.

26. (currently amended) The converter as claimed in claim 20 wherein the converter is implemented within ~~a selective one of the UPnP~~ universal plug and play type device ~~and or~~ the rendezvous type device.

27. (currently amended) The converter as claimed in claim 20 wherein the first means for interfacing comprises a ~~UPnP~~ universal plug and play type proxy which maintains a table of entries, each entry corresponding to a rendezvous type device.

28. (currently amended) The converter as claimed in claim 20 wherein the second means for interfacing comprises a rendezvous type proxy which maintains a table of entries, each entry corresponding to a ~~UPnP~~ universal plug and play type device.

29. (currently amended) A bridge device configured for coupling between a ~~UPnP~~ universal plug and play type device and a rendezvous type device for converting communications between the ~~UPnP~~ universal plug and play type device and the rendezvous type device into proper formats, comprising:

- a. a ~~UPnP~~ universal plug and play type interface circuit configured for coupling to a ~~UPnP~~ universal plug and play type device operating under a ~~UPnP~~ universal plug and play type protocol;
- b. a rendezvous type interface circuit configured for coupling to a rendezvous type device operating under a rendezvous type protocol; and
- c. a conversion circuit coupled between the ~~UPnP~~ universal plug and play type interface circuit and the rendezvous type interface circuit, ~~for converting wherein the conversion circuit converts~~ communications directed from the ~~UPnP~~ universal plug and play type device to the rendezvous type device into the rendezvous type

1 protocol, ~~and converting and further wherein the conversion circuit converts~~
2 communications directed from the rendezvous type device to the UPnP universal
3 plug and play type device into the UPnP universal plug and play type protocol.

1 30. (currently amended) The bridge as claimed in claim 29 wherein the UPnP universal
2 plug and play type device is coupled within a UPnP network of universal plug and play type
3 ~~network of~~ devices.

1 31. (currently amended) The bridge as claimed in claim 29 wherein the rendezvous type
2 device is coupled within a network of rendezvous type ~~network of~~ devices.

1 32. (original) The bridge as claimed in claim 29 wherein a conversion program used by
2 the conversion circuit is stored within the conversion circuit.

1 33. (currently amended) The bridge as claimed in claim 29 wherein the conversion circuit is
2 programmed by ~~a selective one of~~ the UPnP universal plug and play type device ~~and or~~ the
3 rendezvous type device.

1 34. (original) The bridge as claimed in claim 29 wherein the bridge is a stand-alone
2 device.

1 35. (currently amended) The bridge as claimed in claim 29 wherein the bridge is
2 implemented within ~~a selective one of~~ the UPnP universal plug and play type device ~~and or~~ the
3 rendezvous type device.

1 36. (currently amended) The bridge as claimed in claim 29 wherein the UPnP universal
2 plug and play type interface circuit comprises a UPnP universal plug and play type proxy which
3 maintains a table of entries, each entry corresponding to a rendezvous type device.

1 37. (currently amended) The bridge as claimed in claim 29 wherein the rendezvous type
2 interface circuit comprises a rendezvous type proxy which maintains a table of entries, each entry
3 corresponding to a UPnP universal plug and play type device.

1 38. (currently amended) A network of devices, operating under a plurality of protocols, the
2 network of devices comprising:

- 3 a. one or more UPnP universal plug and play type devices operating under a UPnP
4 universal plug and play type protocol;
5 b. one or more rendezvous type devices operating under a rendezvous type protocol;
6 and
7 c. a converter coupled to the UPnP universal plug and play type devices and the
8 rendezvous type devices for converting communications between the UPnP
9 universal plug and play type devices and the rendezvous type devices into proper
10 formats, comprising:
11 i. a UPnP universal plug and play type interface circuit coupled to the
12 UPnP universal plug and play type devices;
13 ii. a rendezvous type interface circuit coupled to the rendezvous type
14 devices; and
15 iii. a conversion circuit coupled to UPnP universal plug and play type
16 interface circuit and the rendezvous type interface circuit, for
17 converting wherein the conversion circuit converts
18 communications directed from the UPnP universal plug and play
19 type devices to the rendezvous type devices into the rendezvous
20 type protocol, and converting and further wherein the conversion
21 circuit converts communications directed from the rendezvous type
22 devices to the UPnP universal plug and play type devices into the
23 UPnP universal plug and play type protocol.

1 39. (original) The network of devices as claimed in claim 38 wherein a conversion
2 program used by the conversion circuit is stored within the conversion circuit.

1 40. (currently amended) The network of devices as claimed in claim 38 wherein the
2 conversion circuit is programmed by ~~a selective one of~~ a UPnP universal plug and play type
3 device ~~and~~ or a rendezvous type device.

1 41. (currently amended) The network of devices as claimed in claim 38 wherein the
2 converter is a stand-alone device coupled between the UPnP universal plug and play type devices
3 and the rendezvous type devices.

1 42. (currently amended) The network of devices as claimed in claim 38 wherein the
2 converter is implemented within ~~a selective one of the UPnP~~ universal plug and play type device
3 ~~and or~~ the rendezvous type device.

1 43. (currently amended) The network of devices as claimed in claim 38 wherein the ~~UPnP~~
2 universal plug and play type interface circuit comprises a ~~UPnP~~ universal plug and play type
3 proxy which maintains a table of entries, each entry corresponding to a rendezvous type device.

1 44. (currently amended) The network of devices as claimed in claim 38 wherein the
2 rendezvous type interface circuit comprises a rendezvous type proxy which maintains a table of
3 entries, each entry corresponding to a ~~UPnP~~ universal plug and play type device.